

A preliminary list of the Braconidae (Hymenoptera) of Vietnam

Предварительный список наездников семейства Braconidae (Hymenoptera) Вьетнама

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КЛЮЧЕВЫЕ СЛОВА: Hymenoptera, Braconidae, Вьетнам, список, распространение.

ABSTRACT: The Vietnam braconids fauna is reviewed and a checklist of publishing species with local and world distribution provided, up to now 257 species from 21 subfamilies are recorded from Vietnam. Of this number of braconid species 97 species proved was described from Vietnam fauna only.

РЕЗЮМЕ: Предложен аннотированный список отмеченных во Вьетнаме видов наездников-браконид с указанием провинций, где они были зарегистрированы, и с общим распространением. Всего во Вьетнаме отмечено 257 видов из 21 подсемейства, из которых 97 вида известны только из этой страны.

Introduction

The braconid fauna of Vietnam is certainly diverse but poorly studied yet. However systematically the first braconid species from Vietnam were reported in the beginning of 20th centure [Cameron, 1910a, 1910b; Turner, 1918, 1919a, 1919b, 1920; Kieffer, 1921]. The literature on the Braconidae of Vietnam is rare and scattered. This information is trying to facilitate the assessment of the status of the study on braconid species, the conservation and development of many braconids being the diverse group of the Hymenoptera as parasitoids for the biological control of pests. We collected in this paper the species of Braconidae which was recorded from Vietnam still 2002.

The braconid wasps in Vietnam were collected but still non-identified from the 1970 and at that time the braconids were collected mainly by singling and rearing from larvae of different pests on rice field, and probably only a smaller portion of it were identified. The first more or less large taxonomical-faunistic results associated with the braconid species of Vietnam were published from 1988 [Belokobylskij, 1988]. The first author of this paper and two Russian experts V.I. Tobias and

especially S.A. Belokobylskij have published several papers associated with braconid species, in some way they have contributed essentially to the knowledge of the Braconidae of Vietnam. Although it were the modest results undertaken for the Braconidae as one from the largest group of Hymenoptera, many braconids described by them either as new to science or species known first for the fauna of Vietnam.

During period 1986–1991 within the bilateral agreement of Vietnam National Center for Natural Sciences and Technology on one part, and the Academy of Sciences of the Soviet Union (now the Russian Academy of Sciences) on other part, numerous of entomological collecting trips were organized in the different provinces of Vietnam. The majority of the insects had been collected in the following regions in Vietnam: West-northern, East-northern, Central (North), Central and Central (South). However many specimens of braconids are still non-identified.

The first summarizing survey of the braconids was compiled by K. D. Long (1998) as a complementary list of braconid wasps from Vietnam, this paper listed 72 species of braconids belonging to 10 subfamilies of the Braconidae except 53 species of the *Apanteles* genus which have been reported by same author before [Long, 1993, 1995].

In the period 1988–2002 there were 28 articles published with information about Braconidae from Vietnam, of that 21 by Belokobylskij [1988, 1990a, 1990b, 1992, 1993a, 1993b, 1994a, 1994b, 1994c, 1995a, 1995b, 1995c, 1996, 1998a, 1998b, 2000a, 2000b, 2000c, 2000d, 2001, 2002] and Belokobylskij and Con [1988], 6 by Long [1993, 1995, 1998a, 1998b, 2002], 1 by Tobias [1990] and 1 by Tobias and Long [1990]. About 90 species of Braconidae were described by them as new to science, and most of the rest were first recorded for the fauna of Vietnam. In this paper we do not include *Dacnusa sibirica* believed to be a parasitoid

of legume leafminer *Liriomyza sativa* (Agromyzidae) [Hung, 2002; Lam et al., 2002] because that species was determined by not specialists. Otherwise we have not seen a specimen of the parasitoid and on basis of publishing information it can probably be from the genus *Opius* Wesmael.

To summarize our present knowledge (up to the beginning of the 21th century) of the braconid fauna of Vietnam, a list is presented in the systematic sequence of the 21 following subfamilies completing them with the number of the species recorded from Vietnam and in parenthesis the number of the generic names. We included in the list for every species the page of first citing of species for Vietnam; the distribution of species in Vietnamese provinces or (if it is impossible for old descriptions) original geographical label ("?" — if no detail information); for some species host (if it was reared in Vietnam) and ecological data; and world distribution of species. The known species of Vietnam fauna belong to (in brackets number of genera, after ":" — number of species):

1. Agathidinae (2): 3
2. Alysiinae (3): 5
3. Brachistinae (1): 5
4. Braconinae (9): 14
5. Cardiochilinae (2): 2
6. Cheloninae (2): 4
7. Dirrhopinae (1): 1
8. Doryctinae (15): 62
9. Ecnomiinae (1): 2
10. Euphorinae (10): 16
11. Exothecinae (15): 45
12. Gnaptodontinae (1): 1
13. Helconinae (3): 3
14. Ichneutinae (1): 1
15. Macrocentrinae (1): 1
16. Microgastrinae (8): 73
17. Miracinae (2): 4
18. Opiinae (3): 3
19. Orgilinae (2): 2
20. Rhyssalinae (1): 1
21. Rogadinae (4): 9

Subfamily Agathidinae Haliday, 1933

1. *Baeognatha javana* Bhat et Gupta, 1977

Long, 2002: 294.

Vietnam: Bac Ninh, Ha Noi, Ha Tay. On soybean; hosts: *Maruca testulalis*, *Etiella zinckenella* (Pyralidae). DISTRIBUTION: Vietnam, Indonesia.

2. *Euagathis abbotti* Ashmead, 1900 (*dubiosa* Turner, 1919)

Turner, 1919: 432; Shenefelt, 1970b; Simbolotti, Achterberg, 1995. Vietnam: "Houei Sai, Haut Mekong".

DISTRIBUTION: Vietnam, Indonesia, Brunei, Malaysia, Thailand.

3. *Euagathis forticarinata* Cameron, 1899 (*variabilis* Enderlein, 1920)

Enderlein, 1920: 175; Shenefelt, 1970b; Simbolotti, Achterberg, 1995.

Vietnam: "Tonkin, Than-Moi".

DISTRIBUTION: Vietnam, Indonesia, Malaysia, India, Nepal.

Subfamily Alysiinae Leach, 1815

4. *Cratospila alboapicalis* Tobias, 1990

Tobias, 1990: 100.

Vietnam: Gia Lai.

DISTRIBUTION: Vietnam.

5. *Orthostigma multicarinatum* Tobias, 1990

Tobias, 1990: 102.

Vietnam: Gia Lai, Thanh Hoa.

DISTRIBUTION: Vietnam.

6. *Orthostigma tumidum* Tobias, 1990

Tobias, 1990: 104.

Vietnam: Thanh Hoa.

DISTRIBUTION: Vietnam.

7. *Phaenocarpa cameroni* Papp, 1967 (*Pentapleura flavipes* Cameron, 1910)

Cameron, 1910: 8; Papp, 1967: 146; Shenefelt, 1974.

Vietnam: "Tongking".

DISTRIBUTION: Vietnam, Malaysia, China (Taiwan).

8. *Phaenocarpa testaceiventris* (Cameron, 1910)

Cameron, 1910: 7; Papp, 1967; Shenefelt, 1974.

Vietnam: "Tongking" (Bakbo, N. Vietnam).

DISTRIBUTION: Vietnam, Malaysia.

Subfamily Brachistinae Foerster, 1862

9. *Schizopyrmnus* (Sch.) *calurus* Papp, 1993

Papp, 1993: 134.

Vietnam: "Bian (Mt. Lang)".

DISTRIBUTION: Vietnam, Laos.

10. *Schizopyrmnus* (Sch.) *doryphorus* Papp, 1991

Papp, 1991: 84.

Vietnam: "Fyan".

DISTRIBUTION: Vietnam.

11. *Schizopyrmnus* (Sch.) *irrepertus* Papp, 1991

Papp, 1991: 85.

Vietnam: "Bian (Mt. Lang)".

DISTRIBUTION: Vietnam.

12. *Schizopyrmnus* (*Muirilla*) *odrinus* Papp, 1993

Papp, 1993: 149.

Vietnam: "DiLihn (Djiring)".

DISTRIBUTION: Vietnam.

13. *Schizopyrmnus* (Sch.) *tortilis* Papp, 1984

Papp, 1984: 157.

Vietnam: "DiLihn", "Bian (Mt. Lang)", "Fyan", "Dalat".

DISTRIBUTION: Vietnam, Laos.

Subfamily Braconinae Nees von Esenbeck, 1812

14. *Amyosoma chinensis* (Szepligeti, 1902)

Long, 1998: 32.

Vietnam: Bac Ninh, Ha Noi, Ha Tay, Hung Yen, Thai Binh, Thanh Hoa. Rice field; hosts: rice stemborers *Chilo suppressalis*, *Scirpophaga incertulas* (Pyralidae), *Sesamia inferens* (Noctuidae).

DISTRIBUTION: Vietnam, China, Korea, Japan, Indonesia, India, Oman.

15. *Annectobracon eventus* Chishti et Quicke, 1995
Chishti, Quicke, 1995: 74.
Vietnam: "Tonkin: Hoabinh".
DISTRIBUTION: Vietnam, China, Thailand, Laos.
16. *Bracon onukii* Watanabe, 1932
Long, 1998: 32.
Vietnam: Ha Noi, Ha Tay. Rice field; hosts: rice stemborers *Chilo suppressalis*, *Scirpophaga incertulas* (Pyralidae).
DISTRIBUTION: Vietnam, Japan, Korea, China, Philippines.
17. *Bracon (Habrobracon) serinopae* (Cherian, 1929)
Shenefelt, 1978: 1611.
Vietnam "?".
DISTRIBUTION: Vietnam, India.
18. *Bracon strandi* Cameron, 1910
Cameron, 1910a: 277; Shenefelt, 1978.
Vietnam: "Tongking".
DISTRIBUTION: Vietnam.
19. *Bracon tongkingensis* Cameron, 1910
Cameron, 1910a: 277; Shenefelt, 1978.
Vietnam: "Tongking".
DISTRIBUTION: Vietnam.
20. *Campyloneurus latesuturalis* Turner, 1919
Turner, 1919a: 429; Shenefelt, 1978.
Vietnam: "Tong King, Haut Mekong".
DISTRIBUTION: Vietnam.
21. *Chaoalta intrudens nigriscapus* Turner, 1920
Turner, 1920: 92; Shenefelt, 1978.
Vietnam: "Muong You, Luang Prabang".
DISTRIBUTION: Vietnam.
22. *Iphiaulax garampiana* Matsumura 1912
Lam, 1997: 68.
Vietnam: Bac Thai, Nghia Lo, Ninh Binh, Vinh Phu.
DISTRIBUTION: Vietnam, China.
23. *Nedinoschiza excerpta* (Turner, 1920)
Turner, 1920: 92; Shenefelt, 1978.
Vietnam: "Tonkin".
DISTRIBUTION: Vietnam.
24. *Stenobracon nicevillei* (Bingham, 1901)
Long, 1998: 32.
Vietnam: Ha Noi, Ha Tay. Rice and sugarcane fields; hosts: rice stemborers *Scirpophaga incertulas* (Pyralidae), *Sesamia inferens* (Noctuidae).
DISTRIBUTION: Vietnam, Nepal, India, Sri Lanka, Madagascar.
25. *Stenobracon oculatus* Szepligeti, 1901 (*maculata* Matsumura, 1910)
Lam, 1997: 69.
Vietnam: Ha Giang, Ha Tay, Vinh Phu.
DISTRIBUTION: Vietnam, Japan, China, Philippines, Malaysia, Indonesia, India.
26. *Tropobracon luteus* Cameron [schoenobii (Viereck, 1913)]
Achterberg, 1993; Long, 1998: 32.
Vietnam: Ha Noi. Rice field; hosts: stemborers *Scirpophaga incertulas*, *Chilo suppressalis* (Pyralidae), *Sesamia inferens* (Noctuidae).
DISTRIBUTION: Vietnam, Indonesia, China, India, Bangladesh, Pakistan.
27. *Zaglyptogaster vitalisi* (Turner, 1919)
Turner, 1919a: 430; Shenefelt, 1978; Quicke, 1984.
Vietnam: "Vieng Vai, Haut Mekong".
DISTRIBUTION: Vietnam, Laos.
- ### Subfamily Cardiochilinae Ashmead, 1900
28. *Cardiochiles philippensis* Ashmead, 1904
Long, 1998: 32.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Rice field; hosts: rice leaffolder *Cnaphalocrocis medicinalis* (Pyralidae).
DISTRIBUTION: Vietnam, Philippines, Indonesia, Malaysia, China (Taiwan), Nepal, India.
29. *Bohayella nigriceps* Belokobylskij, 1993
Belokobylskij, 1993: 52.
Vietnam: Gia Lai, Hoa Binh.
DISTRIBUTION: Vietnam.
- ### Subfamily Cheloninae Nees von Esenbeck, 1816
30. *Chelonus munakatae* Matsumura, 1912
Long, 1998: 33.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Rice and soybean fields; hosts: rice stembores *Chilo suppressalis* (Pyralidae), probably *Lamprosema indicata* (Pyralidae).
DISTRIBUTION: Vietnam, Russia (Far East), Japan, Korea, China.
31. *Chelonus tongkingensis* Cameron, 1910
Cameron, 1910c: 51; Shenefelt, 1973.
Vietnam: "Tongking".
DISTRIBUTION: Vietnam.
32. *Phanerotomella barbieri* Sigwalt, 1978
Sigwalt, 1978: 716; Zettel, 1989.
Vietnam: "Saigon".
DISTRIBUTION: Vietnam.
33. *Phanerotomella namkyensis* Sigwalt, 1978
Sigwalt, 1978: 719; Zettel, 1989.
Vietnam: "Saigon".
DISTRIBUTION: Vietnam.
- ### Subfamily Dirrhopinae Achterberg, 1984
34. *Dirrhope minor* Belokobylskij, 1989
Belokobylskij, 1993: 53.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Russia (Far East), Australia.
- ### Subfamily Doryctinae Foerster, 1862
35. *Arhaconotus vietnamicus* Belokobylskij, 2001
Belokobylskij, 2001: 159.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
36. *Caenophanes luculentus* Belokobylskij, 1993
Belokobylskij, 1993: 92.
Vietnam: Vinh Phuc, Hoa Binh.
DISTRIBUTION: Vietnam.
37. *Dendrosotinus gratus* Belokobylskij, 1993
Belokobylskij, 1993: 94.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.

38. *Doryctes tristriatus* Kieffer, 1921 (*Pristodoryctes striativentris* Kieffer, 1921)
Kieffer, 1921: 134; Shenefelt, Marsh, 1976.
Vietnam: "Tonkin, Cho-Ganh". Host: *Xylotrechus quadripes*, *Chlorophorus annularis* (Cerambycidae).
DISTRIBUTION: Vietnam, India.
39. *Doryctophasmus ferrugineiceps* Enderlein, 1912
Belokobylskij, 1993: 41.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Indonesia, New Guinea.
40. *Ecphyllus alboapicalis* Belokobylskij, 1993
Belokobylskij, 1993: 38.
Vietnam: Hoa Binh, Vinh Phuc.
DISTRIBUTION: Vietnam.
41. *Ecphyllus brevitergum* Belokobylskij, 1993
Belokobylskij, 1993: 40.
Vietnam: Thanh Hoa, Hoa Binh.
DISTRIBUTION: Vietnam.
42. *Heterospilus alboapicalis* Belokobylskij, 1994
Belokobylskij, 1994a: 18.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
43. *Heterospilus caophongensis* Belokobylskij, 1994
Belokobylskij, 1994a: 21.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
44. *Heterospilus curvicaudis* Belokobylskij, 1994
Belokobylskij, 1994a: 12.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
45. *Heterospilus hemitestaceus* Belokobylskij, 1996
Belokobylskij, 1996: 172.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, China (Taiwan).
46. *Heterospilus pinicola* Belokobylskij, 1994
Belokobylskij, 1994a: 14.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
47. *Heterospilus rubrocinctus* (Ashmead, 1905)
Belokobylskij, 1994a: 23.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Philippines.
48. *Heterospilus tulyensis* Belokobylskij, 1994
Belokobylskij, 1994a: 16.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
49. *Ipodoryctes andreei* Belokobylskij, 2001
Belokobylskij, 2001: 135.
Vietnam: Gia Lai, Hoa Binh.
DISTRIBUTION: Vietnam, Myanma, Nepal.
50. *Ipodoryctes annulicornis* Belokobylskij, 1994
Belokobylskij, 1994c: 138.
Vietnam: Vinh Phuc, Ha Tay, Hoa Binh.
DISTRIBUTION: Vietnam.
51. *Ipodoryctes brevitergum* Belokobylskij, 2001
Belokobylskij, 2001: 138.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
52. *Ipodoryctes laetus* Belokobylskij, 1990
Belokobylskij, 1990a: 142; 1994c.
Vietnam: Gia Lai.
DISTRIBUTION: Vietnam.
53. *Ipodoryctes longi* Belokobylskij, 1994
Belokobylskij, 1994c: 134.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
54. *Ipodoryctes nitidus* Belokobylskij, 2001
Belokobylskij, 2001: 143.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Malaysia, Thailand, China.
55. *Ipodoryctes rugosiscutum* Belokobylskij, 1994
Belokobylskij, 1994c: 136.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
56. *Ipodoryctes tamdaoensis* Belokobylskij, 1994
Belokobylskij, 1994c: 132.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
57. *Mimipodoryctes korotyaevi* (Belokobylskij, 1996)
Belokobylskij, 1996: 161; 2000c.
Vietnam: Hoa Binh, Vinh Phuc, Thanh Hoa.
DISTRIBUTION: Vietnam, Malaysia, Singapore, China (Taiwan).
58. *Mimipodoryctes peregrinus* (Belokobylskij, 1994)
Belokobylskij, 1994c: 130; 1996; 2000c.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, China (Taiwan).
59. *Mimipodoryctes robustus* Belokobylskij, 2000
Belokobylskij, 2000c: 348.
Vietnam: Hoa Binh, Vinh Phuc, Gia Lai, Quang Ninh.
DISTRIBUTION: Vietnam, Thailand, Malaysia, Papua New Guinea.
60. *Neurocrassus crassinervis* Belokobylskij, 1993
Belokobylskij, 1993b: 170.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
61. *Neurocrassus mariae* Belokobylskij, 1993
Belokobylskij, 1993b: 163.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Russia (Far East).
62. *Neurocrassus rarus indomalayicus* Belokobylskij, 1993
Belokobylskij, 1993b: 166.
Vietnam: Vinh Phuc, Hoa Binh.
DISTRIBUTION: Vietnam.
63. *Neurocrassus tentorialis* Belokobylskij, 1993
Belokobylskij, 1993b: 167.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Russia (Far East).
64. *Ontsira alboapicalis* Belokobylskij, 1998
Belokobylskij, 1998a: 464.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
65. *Ontsira apposita* Belokobylskij, 1998
Belokobylskij, 1998a: 466.
Vietnam: Hoa Binh.

- DISTRIBUTION: Vietnam.
66. *Ontsira bistriata* (Kieffer, 1921)
Kieffer, 1921: 136; Belokobylskij, 1998a.
Vietnam: "Tonkin, Cho-Ganh". Host: *Xylotrechus quadripes*, *Chlorophorus annularis* (Cerambycidae).
DISTRIBUTION: Vietnam.
67. *Ontsira brevipetiolus* (Kieffer, 1921)
Kieffer, 1921: 137; Belokobylskij, 1998a.
Vietnam: "Tonkin, Cho-Ganh". Host: *Xylotrechus quadripes*, *Chlorophorus annularis* (Cerambycidae).
DISTRIBUTION: Vietnam.
68. *Ontsira cheops* (Nixon, 1939)
Belokobylskij, 1998a: 474.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, India, Malaysia.
69. *Ontsira opis* Belokobylskij, 1998
Belokobylskij, 1998a: 469.
Vietnam: Hoa Binh, Vinh Phuc.
DISTRIBUTION: Vietnam.
70. *Ontsira palliata* (Cameron, 1881) (*Doryctes picticeps* Kieffer, 1921)
Kieffer, 1921: 135; Shenefelt, Marsh, 1976; Belokobylskij, 1998a.
Vietnam: Hoa Binh, Vinh Phuc. Host: *Xylotrechus quadripes*, *Chlorophorus annularis* (Cerambycidae).
DISTRIBUTION: Vietnam, Russia (Far East), Japan, China, Korea, India, Nepal, Malaysia, Hawaii, Pacific Islands.
71. *Ontsira parva* (Muesebeck, 1941)
Belokobylskij, 1998a: 474.
Vietnam: "?".
DISTRIBUTION: Vietnam, India, Indonesia, Hawaii, Australia, Panama, Cuba, Puerto-Rico.
72. *Ontsira tayi* Belokobylskij, 1998
Belokobylskij, 1998a: 468.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
73. *Parallorhogas pallidiceps* (Perkin, 1910) (*Doryctes strioliger* Kieffer, 1921)
Kieffer, 1921: 134; Shenefelt, Marsh, 1976; Belokobylskij, 1996.
Vietnam: "Tonkin, Cho-Ganh".
DISTRIBUTION: Vietnam, India, Fiji, Guam, Hawaii, New Zealand, China (Taiwan), Uganda, USA (Florida).
74. *Rhaconotus basoareolus* Belokobylskij, 2001
Belokobylskij, 2001: 102.
Vietnam: Gia Lai, Hoa Binh.
DISTRIBUTION: Vietnam, Malaysia.
75. *Rhaconotus caophongus* Belokobylskij, 2001
Belokobylskij, 2001: 107.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
76. *Rhaconotus concinnus* (Enderlein, 1912)
Belokobylskij, 1996: 155.
Vietnam: Ha Noi, Thai Nguyen, Hoa Binh, Gia Lai, Kon Tum.
DISTRIBUTION: Vietnam, China.
77. *Rhaconotus dabacus* Belokobylskij, 2001
Belokobylskij, 2001: 111.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
78. *Rhaconotus excavatus* Belokobylskij, 2001
Belokobylskij, 2001: 114.
Vietnam: Son La.
DISTRIBUTION: Vietnam.
79. *Rhaconotus formosanus* (Watanabe, 1934)
Belokobylskij, 1994b: 344; 1996.
Vietnam: Vinh Phuc, Son La, Gia Lai, Hoa Binh, Ha Noi.
DISTRIBUTION: Vietnam, Russia (Far East), Korea, China (Taiwan), Malaysia, Indonesia.
80. *Rhaconotus insularis* Belokobylskij, 1988
Belokobylskij, 1988: 100.
Vietnam: Hoang Sa Is (Dau I.).
DISTRIBUTION: Vietnam.
81. *Rhaconotus maculatus* Belokobylskij, 2001
Belokobylskij, 2001: 118.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
82. *Rhaconotus puber* Belokobylskij, 2001
Belokobylskij, 2001: 123.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
83. *Rhaconotus sauteri* (Watanabe, 1934)
Belokobylskij, 1996: 157.
Vietnam: Hoa Binh, Ha Noi.
DISTRIBUTION: Vietnam, China (Taiwan), India.
84. *Rhaconotus schoenobivorus* (Rohwer, 1934)
Shenefelt and Marsh, 1976; Long, 1998: 34.
Vietnam: Ha Tay. Rice field; host: rice stem borer *Scirpophaga incertulas* (Pyralidae).
DISTRIBUTION: Vietnam, Indonesia, Malaysia, China.
85. *Rhaconotus scirpophagae* Wilkinson, 1929
Long, 1998: 34.
Vietnam: Ha Tay. Rice field; host: yellow rice stem borer *Scirpophaga incertulas* (Pyralidae).
DISTRIBUTION: Vietnam, India, Tanzania.
86. *Rhaconotus signatus* Belokobylskij, 2001
Belokobylskij, 2001: 125.
Vietnam: Vinh Phuc, Ha Noi.
DISTRIBUTION: Vietnam, China, Japan.
87. *Rhaconotus signipennis* (Walker, 1860) [*flavistigmus* (Belokobylskij, 1983)]
Belokobylskij, 1994b: 344.
Vietnam: Bac Thai, Than Hoa, Vinh Phuc, Gia Lai, Hoa Binh.
DISTRIBUTION: Vietnam, Russia (Far East), China (Taiwan), India, Sri Lanka, Indonesia.
88. *Rhaconotus testacea* (Szepligeti, 1908) [*sulcaviventris* (Enderlein, 1912), *oryzae* Wilkinson, 1929]
Belokobylskij, 1996: 158; 2001.
Vietnam: Ha Noi, Ha Tay, Hoa Binh, Gia Lai.
DISTRIBUTION: Vietnam, Korea, China (Taiwan), India, Tadjikistan.
89. *Rhaconotus thayi* Belokobylskij, 2001
Belokobylskij, 2001: 130.
Vietnam: Vinh Phuc, Hoa Binh.
DISTRIBUTION: Vietnam, China (Taiwan).
90. *Rhaconotus vagrans* (Bridwell, 1920)
Belokobylskij, 1996: 161.

- Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam, Russia (Far East), Korea, China (Taiwan), Hawaii.
91. *Rhacontsira nana* Belokobylskij, 1998
 Belokobylskij, 1998b: 7.
 Vietnam: Vinh Phuc.
 DISTRIBUTION: Vietnam.
92. *Rhacontsira sculpturator* Belokobylskij, 1998
 Belokobylskij, 1998b: 5.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam.
93. *Spathius apicalis* (Westwood, 1882)
 Westwood, 1882: 43; Shenefelt, Marsh, 1976: 1389.
 Vietnam: “?”.
 DISTRIBUTION: Vietnam, Indonesia, New Guinea, Malaysia, Philippines, China (Taiwan), India.
94. *Spathius buonluoicus* Belokobylskij, 1995
 Belokobylskij, 1995a: 49.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam.
95. *Spathius helle* Nixon, 1939
 Long, 1998: 34.
 Vietnam: Ha Tay. Rice field; host: rice stemborer *Chilo suppressalis* (Pyralidae).
 DISTRIBUTION: Vietnam, Philippines, Japan (?).
96. *Spathius opis rufovaregatus* Nixon, 1943
 Nixon, 1943: 289; Shenefelt, Marsh, 1976.
 Vietnam: “Phu Lang Thuong”.
 DISTRIBUTION: Vietnam, Malaysia, Philippines, India.
- Subfamily Ecnomiinae Achterberg, 1985**
97. *Economios nigra* Belokobylskij, 1993
 Belokobylskij, 1993a: 49.
 Vietnam: Vinh Phuc.
 DISTRIBUTION: Vietnam.
98. *Economios caophongi* Belokobylskij, 1993
 Belokobylskij, 1993a: 50.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam.
- Subfamily Euphorinae Foerster, 1862**
99. *Blacus (Ganychorus) fulviceps* Achterberg, 1988
 Achterberg, 1988: 100.
 Vietnam: “Fyan, 900–1000 m”.
 DISTRIBUTION: Vietnam, Nepal.
100. *Blacus (Ganychorus) mellicornis* Achterberg, 1988
 Achterberg, 1988: 106.
 Vietnam: “M’Drak, E. of Ban Me Thuot, 4–600 m”.
 DISTRIBUTION: Vietnam.
101. *Blacus (Hysterobolus) hemicastaneus* Achterberg, 1988
 Achterberg, 1988: 128.
 Vietnam: “Dalat, 1400–1500 m”.
 DISTRIBUTION: Vietnam.
102. *Dinocampus coccinellae* (Schrank, 1802)
 Long, 1998: 34.
- Vietnam: Bac Ninh, Ha Noi, Ha Tay. On soybean and maize fields; host: *Micraspis discolor* (Coccinellidae).
 DISTRIBUTION: Vietnam, cosmopolitan.
103. *Heia robustipes* Chen et Achterberg, 1997
 Belokobylskij, Tobias, 2000: 197.
 Vietnam: Vinh Phuc.
 DISTRIBUTION: Vietnam, China.
104. *Leiophron (Leiophron) buonluoica* (Belokobylskij, 1993)
 Belokobylskij, 1993a: 66.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam, China.
105. *Meteorus narangae* Sonan, 1943
 Long, 1998: 34.
 Vietnam: Ha Noi. Rice and maize fields; host: semilooper *Naranga aenescens*, armyworm *Mythimna* spp. (Noctuidae).
 DISTRIBUTION: Vietnam, China (Taiwan).
106. *Sculptosyntretus oculatus* Belokobylskij, 1993
 Belokobylskij, 1993a: 59.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam.
107. *Stenothremma vietii* Belokobylskij, 1993
 Belokobylskij, 1993a: 63.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam.
108. *Streblocera (Eutanycerus) pila* Belokobylskij, 2000
 Belokobylskij, 2000b: 292.
 Vietnam: Thanh Hoa.
 DISTRIBUTION: Vietnam.
109. *Streblocera (Eutanycerus) thayi* Belokobylskij, 2000
 Belokobylskij, 2000b: 293.
 Vietnam: Vinh Phuc.
 DISTRIBUTION: Vietnam.
110. *Streblocera (Eutanycerus) okadai* Watanabe, 1942
 Belokobylskij, Tobias, 2000: 317.
 Vietnam: Gia Lai, Thanh Hoa.
 DISTRIBUTION: Vietnam, Korea, China, Japan, Russia (Far East).
111. *Streblocera (Asiastreblocera) rhinoceros* Belokobylskij, 2000
 Belokobylskij, 2000a: 279.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam.
112. *Syntretus (Parasyntretus) amoenus* Belokobylskij, 1993
 Belokobylskij, 1993a: 60.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam.
113. *Tainiterma pachytarsis* Achterberg et Shaw, 2001
 Achterberg, Shaw, 2001: 72.
 Vietnam: Hoang Lien.
 DISTRIBUTION: Vietnam, China (Taiwan).
114. *Tainiterma maiphuquyi* Achterberg, 2001
 Achterberg, Shaw, 2001: 74.

- Vietnam: Hoang Lien.
DISTRIBUTION: Vietnam.
- Subfamily Exothecinae Foerster, 1862**
115. *Acanthormius flavoapicalis* Belokobylskij, 1990
Belokobylskij, 1990b: 135.
Vietnam: Son La.
DISTRIBUTION: Vietnam.
116. *Acanthormius nixonii* Belokobylskij, 1990
Belokobylskij, 1990b: 138.
Vietnam: Thai Nguyen.
DISTRIBUTION: Vietnam.
117. *Aulosaphoides fallax* (Belokobylskij, 1990)
Belokobylskij, 1990b: 134.
Vietnam: Thanh Hoa.
DISTRIBUTION: Vietnam.
118. *Aulosaphoides lampas* (Nixon, 1950)
Belokobylskij, 1990b: 134.
Vietnam: Thanh Hoa, Gia Lai.
DISTRIBUTION: Vietnam, Japan, China (Taiwan), Philippines, India, Sri Lanka.
119. *Cedria anomala* Wilkinson, 1935
Belokobylskij, 1993a: 43.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Myanma.
120. *Cedria galinae* Belokobylskij, 1990
Belokobylskij, 1990b: 131.
Vietnam: Gia Lai.
DISTRIBUTION: Vietnam.
121. *Cedria paradoxa* Wilkinson, 1934
Belokobylskij, 1990b: 131.
Vietnam: Thai Nguyen.
DISTRIBUTION: Vietnam, China, India, Mianmar, Sri Lanka.
122. *Clinocentrus excubitor* Haliday, 1836
Belokobylskij, 1995c: 820.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Japan, Korea, Russia, Kazakhstan, Georgia, Europe, N. America
123. *Colastes(Colastes) anervis* Belokobylskij, 1992
Belokobylskij, 1992: 143.
Vietnam: Hoa Binh, Vinh Phuc.
DISTRIBUTION: Vietnam.
124. *Colastes(Colastes) opacus* Belokobylskij, 1992
Belokobylskij, 1992: 146.
Vietnam: Vinh Phuc, Ha Tay.
DISTRIBUTION: Vietnam.
125. *Colastes (Shawiana) cognatus* Belokobylskij, 1992
Belokobylskij, 1992: 161.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
126. *Colastes (Shawiana) longitergum* Belokobylskij, 1988
Belokobylskij, 1992: 163.
Vietnam: Vinh Phuc, Hoa Binh.
DISTRIBUTION: Vietnam, China (Taiwan).
127. *Colastes (Shawiana) tamdaoensis* Belokobylskij, 1992
Belokobylskij, 1992: 154.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
128. *Colastinus tayi* Belokobylskij, 1992
Belokobylskij, 1992: 133.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
129. *Hormius abnormis* Belokobylskij, 1995
Belokobylskij, 1995b: 197.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Philippines.
130. *Hormius amus* Papp, 1990
Belokobylskij, 1995b: 203.
Vietnam: Ha Noi, Son La.
DISTRIBUTION: Vietnam, India.
131. *Hormius appositus* Belokobylskij, 1995
Belokobylskij, 1995b: 191.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
132. *Hormius decembris* Belokobylskij, 1990
Belokobylskij, 1990b: 121; 1995b.
Vietnam: Hoa Binh, Gia Lai.
DISTRIBUTION: Vietnam.
133. *Hormius ikarus* Belokobylskij, 1995
Belokobylskij, 1995b: 194.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Malaysia.
134. *Hormius moniliatus* (Nees)
Belokobylskij, 1990b: 122.
Vietnam: Son La.
DISTRIBUTION: Vietnam, China (Taiwan), Japan, Russia, Central Asia, Caucasus, Europa.
135. *Hormius montanus* Belokobylskij, 1995
Belokobylskij, 1995b: 195.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
136. *Hormius notus* Belokobylskij, 1995
Belokobylskij, 1995b: 192.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
137. *Hormius orientalis tulyensis* Belokobylskij, 1995
Belokobylskij, 1995b: 202.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
138. *Hormius pallidus* Belokobylskij, 1990
Belokobylskij, 1990: 119; 1995b.
Vietnam: Gia Lai, Hoa Binh.
DISTRIBUTION: Vietnam, China (Taiwan), Thailand, Malaysia.
139. *Hormius pallidus deviatus* Belokobylskij, 1995
Belokobylskij, 1995b: 201.
Vietnam: Hoa Binh, Vinh Phuc.
DISTRIBUTION: Vietnam.
140. *Hormius paraphrasis* Belokobylskij, 1995
Belokobylskij, 1995b: 199.
Vietnam: Hoa Binh.

- DISTRIBUTION: Vietnam.
141. *Hormius vitabilis* Papp, 1990
Belokobylskij, 1995b: 203.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, India.
142. *Parahormius falsus* Belokobylskij, 1990
Belokobylskij, 1990b: 125.
Vietnam: Gia Lai.
DISTRIBUTION: Vietnam.
143. *Parahormius nitidus* Belokobylskij, 1988
Belokobylskij, 1990b: 123.
Vietnam: Son La, Thanh Hoa, Bac Thai.
DISTRIBUTION: Vietnam, China (Taiwan).
144. *Parahormius unicolor* Belokobylskij, 1990
Belokobylskij, 1990b: 123.
Vietnam: Son La, Gia Lai.
DISTRIBUTION: Vietnam.
145. *Parahormius vietnamicus* Belokobylskij, 1990
Belokobylskij, 1990b: 126.
Vietnam: Bac Thai, Gia Lai.
DISTRIBUTION: Vietnam.
146. *Pentatermus striatus* (Szepligeti, 1908)
(*medvedevi* Belokobylskij, 1990)
Belokobylskij, 1990b: 128; 2002.
Vietnam, Thai Nguyen, Ha Noi, Thanh Hoa.
DISTRIBUTION: Vietnam, Japan, Malaysia, India, Oman, Somalia, Niger, Madagascar, S. Africa.
147. *Phaenodus caudatus* Belokobylskij, 1988
Belokobylskij, 1992: 167.
Vietnam: Vinh Phuc, Ha Tay, Hoa Binh.
DISTRIBUTION: Vietnam, China (Taiwan), Malaysia.
148. *Phaenodus ruficeps* Belokobylskij, 1988
Belokobylskij, 1990b: 128; 1992.
Vietnam: Vinh Phuc, Ha Tay, Hoa Binh, Gia Lai.
DISTRIBUTION: Vietnam, Malaysia, China (Taiwan).
149. *Phaenodus unicolor* Belokobylskij, 1992
Belokobylskij, 1992: 165.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
150. *Platyrmus maichaui* Belokobylskij, 1992
Belokobylskij, 1992: 170.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
151. *Pseudohormius epaphus* (Nixon, 1940)
Belokobylskij, 1990b: 123.
Vietnam: Son La.
DISTRIBUTION: Vietnam, S. Africa.
152. *Rhysipolis meditator* (Haliday, 1836)
Belokobylskij and Con, 1988: 164.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam, China (Taiwan), China, Russia, Central Asia, Europe.
153. *Rhysipolis parnarae* Belokobylskij et Con, 1988
Belokobylskij and Con, 1988: 162.
Vietnam: Ha Noi. Host: *Parnara guttata* (Hesperiidae).
DISTRIBUTION: Vietnam.
154. *Rhysipolis taiwanicus* Belokobylskij, 1988
Belokobylskij, 1993a: 43.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
- Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, China (Taiwan).
155. *Tamdaona janus* Belokobylskij, 1992
Belokobylskij, 1992: 129.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.
156. *Tebennotoma (Eorhyssalus) aciculata* (Belokobylskij, 1989)
Belokobylskij, 1993a: 43; 2000d.
Vietnam: Gia Lai.
DISTRIBUTION: Vietnam, China (Taiwan).
157. *Tebennotoma (Eorhyssalus) elongata* Belokobylskij, 2000
Belokobylskij, 2000d: 191.
Vietnam: Vinh Phuc, Hoa Binh.
DISTRIBUTION: Vietnam.
158. *Tebennotoma (Eorhyssalus) genalis* Belokobylskij, 2000
Belokobylskij, 2000d: 193.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.
159. *Vietcolastes rhaconotus* Belokobylskij, 1992
Belokobylskij, 1992: 137.
Vietnam: Hoa Binh, Vinh Phuc.
DISTRIBUTION: Vietnam.

Subfamily Gnamp todontinae Fischer, 1970

160. *Pseudognaptodon ruficeps* Belokobylskij, 1993
Belokobylskij, 1993a: 43.
Vietnam: Son La, Gia Lai, Thanh Hoa, Hoa Binh.
DISTRIBUTION: Vietnam.

Subfamily Helconinae Foerster, 1862

161. *Helcon rugodorsalis* (Turner, 1919)
Turner, 1919b: 388; Shenefelt, 1970a.
Vietnam: "Chapa, Tonkin".
DISTRIBUTION: Vietnam.

162. *Helconidea unicornis* (Turner, 1918)
Turner, 1918: 172; Shenefelt, 1970a.
Vietnam: "French Indo-China".
DISTRIBUTION: Vietnam, Laos.

163. *Parabrunneia shibensis* (Matsumura, 1912)
(*Brulleia euphemia* Turner, 1919)
Turner, 1919b: 387; Achterberg, 1983.
Vietnam: "Tonkin".
DISTRIBUTION: Vietnam, China, Japan.

Subfamily Ichneutinae Foerster, 1862

164. *Proterops fumosus* Belokobylskij, 1993
Belokobylskij, 1993a: 58.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam.

Subfamily Macrocentrinae Foerster, 1862

165. *Aulacocentrum philippinense* (Ashmead, 1904)
Long, 1998: 34.
Vietnam: Bac Ninh, Hai Hung, Ha Noi, Ha Tay. Rice field;
host: rice leaf roller *Cnaphalocrocis medicinalis* (Pyralidae).

DISTRIBUTION: Vietnam, Japan, Korea, China, Malaysia, Indonesia, Philippine.

Subfamily Microgastrinae Foerster, 1862

166. *Apanteles angaleti* Muesebeck, 1956

Long, 1998: 34.

Vietnam: Son La. In cotton; hosts: *Sylepta derogata* (Pyralidae), *Pectinophora gossypiella* (Gelechidae).

DISTRIBUTION: Vietnam, India, Pakistan, Indonesia.

167. *Apanteles angustibasis* Gahan, 1925

Lam, 1997: 63.

Vietnam: Hanoi. Rice field; host: rice leaffolder *Cnaphalocrocis medinalis* (Pyralidae).

DISTRIBUTION: Vietnam, China, Philippines, Malaysia.

168. *Apanteles calycinae* Wilkinson, 1928

Long, 1993: 84.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, India.

169. *Apanteles carpatus* (Say, 1836)

Long, 1993: 82; 1995.

Vietnam: Vinh Phuc, Ha Noi, Ha Tay, Hoa Binh.

DISTRIBUTION: Vietnam, cosmopolitan.

170. *Apanteles chloris* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, Philippines.

171. *Apanteles clita* Nixon, 1965

Long, 1998: 34.

Vietnam: Ha Noi, Son La. Hosts: *Lamprosema indicata* (Pyralidae), *Sylepta* sp. (Pyralidae).

DISTRIBUTION: Vietnam, India.

172. *Apanteles coedicius* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Ha Tay, Vinh Phuc.

DISTRIBUTION: Vietnam, Philippines.

173. *Apanteles crates* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Ha Tay, Ha Noi.

DISTRIBUTION: Vietnam, Philippines.

174. *Apanteles cypris* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Quang Ngai, Tien Giang, Phu Yen. Host: rice leaffolder *Cnaphalocrocis medinalis* (Pyralidae).

DISTRIBUTION: Vietnam, Malaysia, Philippines.

175. *Apanteles demades* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Ha Noi, Ha Tay, Hoa Binh.

DISTRIBUTION: Vietnam, Malaysia.

176. *Apanteles diocles* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Vinh Phuc.

DISTRIBUTION: Vietnam, India, Philippines, Indonesia.

177. *Apanteles dissimile* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, Philippines.

178. *Apanteles dotus* Nixon, 1965

Long, 1993: 82.

Vietnam: Hoa Binh, Vinh Phuc. Host: *Homna* sp. (Tortricidae).

DISTRIBUTION: Vietnam, Philippines, Sri Lanka.

179. *Apanteles fundulus* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Ha Noi, Ha Tay, Bac Ninh.

DISTRIBUTION: Vietnam, Australia.

180. *Apanteles grandiculus* (Wilkinson, 1929)

Long, 1993: 84.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, India.

181. *Apanteles hemara* Nixon, 1965

Long, 1998: 34.

Vietnam: Ha Noi, Ha Tay. Host: *Lamprosema indicata* F. (Pyralidae) on soybean.

DISTRIBUTION: Vietnam, Australia, India, Africa, Italia.

182. *Apanteles ippeus* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Vinh Phuc, Hoa Binh.

DISTRIBUTION: Vietnam, Australia.

183. *Apanteles javensis* Rohwer, 1918

Long, 1998: 35.

Vietnam: Ha Noi, Ha Tay. Host: rice skipper *Pedopidas* (= *Parnara*) *mathias* (Hespiidae).

DISTRIBUTION: Vietnam, China, India, Thailand, Sri Lanka, Malaysia, Indonesia.

184. *Apanteles lyridice* Nixon, 1965

Long, 1993: 82.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, Philippines.

185. *Apanteles machaeralis* Wilkinson, 1928

Long, 1998: 35.

Vietnam: Ha Tay.

DISTRIBUTION: Vietnam, China, Myanma, India.

186. *Apanteles mamitus* Nixon, 1965

Long, 1993: 82; 1995.

Vietnam: Son La, Hoa Binh. Host: *Helicoverpa* (= *Heliothis*) *armigera* (Noctuidae) on cotton.

Distribution: Vietnam, Philippines.

187. *Apanteles medon* Nixon, 1965

Long 1993: 83; 1995.

Vietnam: Vinh Phuc.

DISTRIBUTION: Vietnam, Malaysia.

188. *Apanteles metesae* Nixon, 1967

Nixon, 1967: 15; Shenefelt, 1972.

Vietnam: "Saigon". Host: *Crematopsyche pendula* (Psychidae).

DISTRIBUTION: Vietnam, Malaysia.

189. *Apanteles niceppe* Nixon, 1965

Long, 1993: 83; 1995.

Vietnam: Ha Tay.

DISTRIBUTION: Vietnam, Philippines.

190. *Apanteles oenone* Nixon, 1965

Long, 1993: 83; 1995.

Vietnam: Hoa Binh.

DISTRIBUTION: Vietnam, Australia.

191. *Apanteles opacus* (Ashmead, 1905)

Long, 1993: 83; 1995.

- Vietnam: Son La, Hoa Binh. Host: *Sylepta derogata* (Pyralidae) on cotton.
- DISTRIBUTION: Vietnam, Japan, China, India, Malaysia, Philippines.
192. *Apanteles pisenor* Nixon, 1965
Long, 1993: 83; 1995.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, New Hebrides.
193. *Apanteles psenes* Nixon, 1965
Long, 1993: 83; 1995.
Vietnam: Ha Noi, Ha Tay.
DISTRIBUTION: Vietnam, Malaysia.
194. *Apanteles rutilans* Nixon, 1965
Long, 1993: 83.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam, Kenya.
195. *Apanteles salutifer* Wilkinson, 1928
Long, 1998: 35.
Vietnam: Son La, Ha Noi, Dong Nai. Host: green semi-looper *Anomis flava* (Noctuidae) on soybean and cotton.
DISTRIBUTION: Vietnam, China, Myanma, Thailand, India.
196. *Apanteles saravus* Nixon, 1965
Long, 1993: 83; 1995.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam, Philippines.
197. *Apanteles significantis* (Walker, 1860)
Long, 1993: 83; 1995.
Vietnam: Son La, Hoa Binh.
DISTRIBUTION: Vietnam, India, Pakistan, Sri Lanka, Malaysia, Philippines.
198. *Apanteles stenotelas* Nixon, 1965
Long, 1993: 83; 1995.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, New Hebrides.
199. *Cotesia anomidis* (Watanabe, 1942)
Long, 1995: 417.
Vietnam: Hung Yen, Thai Binh. Host: semilooper *Anomis flava* (Noctuidae) on jute *Hibiscus saffdarifa*.
DISTRIBUTION: Vietnam, China.
200. *Cotesia bataviensis* (Rohwer, 1918)
Long, 1993: 83; 1995.
Vietnam: Ha Tay. Host: *Odonestis sp.* (Lasiocampidae).
DISTRIBUTION: Vietnam, India, Indonesia.
201. *Cotesia cirphicola* (Bhatnagar, 1948)
Long, 1993: 83; 1995.
Vietnam: Ha Bac, Ha Noi, Hai Hung, Ha Tay. Host: *Mythimna spp.* (Noctuidae).
DISTRIBUTION: Vietnam, China, India.
202. *Cotesia flavipes* Cameron, 1891
Long, 1993: 83; 1995.
Vietnam: Ha Tay, Hoa Binh. Hosts: *Sesamia inferens* (Noctuidae), *Chilo suppressalis* (Pyralidae) on rice and sugarcane.
DISTRIBUTION: Vietnam, China, Mianma, India, Pakistan, Sri Lanka, Malaysia, Indonesia, Australia, Madagascar, Mauritius.
203. *Cotesia glomeratus* (Linnaeus, 1758)
Long, 1998: 83; 1995.
- Vietnam: Ha Noi, Ha Tay. Hosts: *Pieris rapae* and *P. canidia* (Pieridae).
DISTRIBUTION: Vietnam, cosmopolitan.
204. *Cotesia kariyai* (Watanabe, 1937)
Long, 1998: 27.
Vietnam: Ha Noi, Ha Tay. Rice field; hosts: *Naranga aenescens*, *Mythimna separata* (Noctuidae).
DISTRIBUTION: Vietnam, Japan, China.
205. *Cotesia plutellae* (Kurdjumov, 1912)
Long, 1993: 83; 1995.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Host: diamondback moth *Plutella xylostella* (Plutellidae).
DISTRIBUTION: Vietnam, cosmopolitan.
206. *Cotesia ruficrus* (Haliday, 1835)
Long, 1993: 84; 1995.
Throughout Vietnam. On maize and rice fields; hosts: *Mythimna spp.*, *Naranga aenescens*, *Spodoptera mauritia*, *Helicoverpa armigera*, *Plusia eriosoma*.
DISTRIBUTION: Vietnam, cosmopolitan.
207. *Cotesia taprobanae* (Cameron, 1897)
Long, 1993: 84; 1995.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam, Japan, China, India, Sri Lanka, Indonesia.
208. *Dolichogenidea acratos* (Nixon, 1967)
Long, 1993: 84; 1995.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, New Guinea.
209. *Dolichogenidea agilis* (Ashmead, 1905)
Long, 1998: 34.
Vietnam: Ha Tay.
DISTRIBUTION: Vietnam, Philippines, Java.
210. *Dolichogenidea baoris* (Wilkinson, 1930)
Long, 1993: 84; 1995.
Vietnam: Ha Noi, Ha Tay, Tien Giang. Hosts: rice skippers *Parnara guttata* and *P. mathias* (Hesperiidae).
DISTRIBUTION: Vietnam, Japan, China, Sri Lanka, Malaysia.
211. *Dolichogenidea cleo* (Nixon, 1967)
Tobias and Long, 1990: 113; Long, 1993, 1995.
Vietnam: Gia Lai, Cong Tum.
DISTRIBUTION: Vietnam, India.
212. *Dolichogenidea coequatus* Nixon, 1967
Long, 1998: 34.
Vietnam: Gia Lai.
DISTRIBUTION: Vietnam, Niue Is.
213. *Dolichogenidea expulsus* (Turner, 1918)
Long, 1998: 34.
Vietnam: Dong Nai. Host: semilooper *Anomis flava* (Noctuidae) on cotton.
DISTRIBUTION: Vietnam, Sri Lanka, Fiji, Samoa.
214. *Dolichogenidea fakhrulhajiae* (Mahdi Hassan, 1925)
Long, 1993: 85; 1995.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, India.
215. *Dolichogenidea hanouii* (Tobias et Long, 1990)
Tobias, Long, 1990: 111; Long, 1993, 1995.

- Vietnam: Bac Ninh, Ha Noi, Ha Tay. On soybean; host: *Lamprosema indicata* (Pyralidae).
DISTRIBUTION: Vietnam.
216. *Dolichogenidea hemitheiae* (Wilkinson, 1928)
Long, 1998: 35.
Vietnam: Hoa Binh.
DISTRIBUTION: Vietnam, Indonesia, India.
217. *Dolichogenidea heterusiae* (Wilkinson, 1928)
Long, 1995: 419.
Vietnam: Ha Noi, Ha Tay.
DISTRIBUTION: Vietnam, Sri Lanka.
218. *Dolichogenidea hyblaeae* (Wilkinson, 1928)
Long, 1995: 420.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Indonesia.
219. *Dolichogenidea hyposidrae* (Wilkinson, 1928)
Tobias, Long, 1990: 113; Long, 1998.
Vietnam: Gia Lai, Kon Tum.
DISTRIBUTION: Vietnam, India, Mianma, Indonesia, Papua New Guinea, Australia, New Britain.
220. *Dolichogenidea inquisitor* (Wilkinson, 1928)
Long, 1998: 35.
Vietnam: Gia Lai, Kon Tum.
DISTRIBUTION: Vietnam, China, Fiji, Malaysia.
221. *Dolichogenidea iulus* (Nixon, 1967)
Tobias, Long, 1990: 114; Long, 1993, 1995.
Vietnam: Ha Tay, Gia Lai, Kon Tum.
DISTRIBUTION: Vietnam, New Guinea.
222. *Dolichogenidea numenes* (Nixon, 1967)
Long, 1993: 85; 1995.
Vietnam: Ha Noi, Hoa Binh.
DISTRIBUTION: Vietnam, Indonesia.
223. *Dolichogenidea orelia* (Nixon, 1967)
Long, 1993: 85; 1995.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Fiji.
224. *Dolichogenidea platyedrae* (Wilkinson, 1928)
Long, 1993: 85; 1995.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam, Fiji.
225. *Dolichogenidea priscus* (Nixon, 1967)
Long, 1993: 85; 1995.
Vietnam: Ha Noi, Hoa Binh.
DISTRIBUTION: Vietnam, Malaysia, India, Sri Lanka.
226. *Dolichogenidea prodeniae* (Viereck, 1912)
Long, 1993: 85; 1995.
Vietnam: Hai Hung, Ha Noi, Ha Tay. Host: grassworm *Spodoptera litura* (Noctuidae).
DISTRIBUTION: Vietnam, China, India.
227. *Dolichogenidea stantoni* (Ashmead, 1904)
Long, 1993: 85; 1995.
Vietnam: Ha Noi, Ha Tay, Hoa Binh. Host: *Diaphania pyloalis* (Pyralidae).
DISTRIBUTION: Vietnam, China, India, Malaysia, Philippines, Fiji.
228. *Dolichogenidea subgentilis* (Tobias et Long, 1990)
Tobias, Long, 1990: 110; Long, 1993, 1995.
- Vietnam: Ha Noi.
DISTRIBUTION: Vietnam.
229. *Dolichogenidea sublabene* (Tobias et Long, 1990)
Tobias, Long, 1990: 107; Long, 1993, 1995.
Vietnam: Hoa Binh, Gia Lai.
DISTRIBUTION: Vietnam.
230. *Dolichogenidea tuliemensis* (Tobias et Long, 1990)
Tobias, Long, 1990: 112; Long, 1993, 1995.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam.
231. *Dolichogenidea vernaliter* (Wilkinson, 1932)
Long, 1993: 85; 1995.
Vietnam: Ha Noi.
DISTRIBUTION: Vietnam, Indonesia, New Hebrides.
232. *Exoryza schoenobii* (Wilkinson, 1932)
Long, 1993: 84; 2002.
Vietnam: Thai Nguyen, Bac Ninh, Hai Hung, Ha Noi, Ha Tay, Nam Ha, Thai Binh, Nghe An, Tien Giang, Ba Ria - Vung Tau. Rice field; hosts: *Scirphophaga incertulas*, *Cnaphalocrocis medicinalis* (Pyralidae).
DISTRIBUTION: Vietnam, Philippines, India.
233. *Glyptapanteles colemani* (Viereck, 1912)
Long, 2002: 295.
Vietnam: Bac Ninh, Hai Hung. Soybean and jute fields; host: semilooper *Anomis flava* (Noctuidae).
DISTRIBUTION: Vietnam, India.
234. *Microplitis pallidipes* Szepligeti, 1902
Long, 1998: 35; 2002.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Soybean and peanut fields; host: *Spodoptera litura* (Noctuidae).
DISTRIBUTION: Vietnam, Singapore.
235. *Microplitis prodeniae* Rao et Chandry, 1951
Long, 1998: 35; 2002.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Soybean and peanut fields; host: *Spodoptera litura* (Noctuidae).
DISTRIBUTION: Vietnam, India.
236. *Microplitis similis* Lyle, 1921
Long, 2002: 425.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Soybean and cabbage fields; host: *Helicoverpa armigera*, *Spodoptera litura* (Noctuidae).
DISTRIBUTION: Vietnam, India.
237. *Microplitis tuberculifer* (Wesmael, 1837)
Long, 2002: 425.
Vietnam: Bac Ninh, Ha Noi, Ha Tay. Soybean and cabbage fields; host: *Spodoptera litura* (Noctuidae).
DISTRIBUTION: Vietnam, Indonesia, Palaearctic.
238. *Hygroplitis russatus* (Haliday, 1835)
Long, 1998: 35.
Vietnam: Ha Tay. Rice field; host: *Chilo suppressalis* (Pyralidae).
DISTRIBUTION: Vietnam, Indonesia, Palaearctic.
- Subfamily Miricinae Viereck, 1918**
239. *Mirax longicaudis* Belokobylskij, 1993
Belokobylskij, 1993a: 53.
Vietnam: Vinh Phuc.
DISTRIBUTION: Vietnam.

240. *Mirax mogrus* Papp, 1987
 Belokobylskij, 1993a: 55; Papp, Chou, 1996.
 Vietnam: Hoa Binh, Vinh Phuc, Gia Lai.
 DISTRIBUTION. Vietnam, Japan, Korea, Russia (Far East), China (Taiwan).
241. *Oligoneurus rufithorax* Belokobylskij, 1993
 Belokobylskij, 1993a: 55.
 Vietnam: Gia Lai, Hoa Binh.
 DISTRIBUTION: Vietnam.
242. *Oligoneurus gorochovi* Belokobylskij, 1993
 Belokobylskij, 1993a: 56.
 Vietnam: Gia Lai, Hoa Binh.
 DISTRIBUTION: Vietnam.
- Subfamily Opiinae Blanchard, 1845**
243. *Ademon descrescens* (Nees, 1811)
 Belokobylskij, 1993a: 49.
 Vietnam: Vinh Phuc, Ha Noi.
 DISTRIBUTION. Vietnam, Europe, Russia.
244. *Bitomus hemicoriaceus* (Fischer, 1966)
 Fischer, 1966: 140.
 Vietnam: "Saigon".
 DISTRIBUTION: Vietnam, India, Bismarck Is.
245. *Indiopius saigonensis* Fischer, 1966
 Fischer, 1966: 157.
 Vietnam: "Saigon".
 DISTRIBUTION: Vietnam.
- Subfamily Orgilinae Ashmead, 1900**
246. *Orgilus ashmeadi* Viereck, 1911
 Long, 1998: 35; 2002: 295.
 Vietnam: Ha Noi, Ha Tay, Red River Delta. Rice field; host: rice leaf folder *Cnaphalocrocis medinalis* (Pyralidae).
 DISTRIBUTION: Vietnam, Philippines.
247. *Stantonia ruficornis* Enderlein, 1921
 Enderlein, 1921: 58; Shenefelt, 1970; Chou, 1995.
 Vietnam: "Tonkin, Lai-chau-Song-be".
 DISTRIBUTION: Vietnam, China
- Subfamily Rhyssalinae Foerster, 1862**
248. *Oncophanes suturalis* Belokobylskij, 1990
 Belokobylskij, 1990b: 117; Belokobylskij, Tobias, 1998.
 Vietnam: Thanh Hoa, Gia Lai.
 DISTRIBUTION: Vietnam, Japan.
- Subfamily Rogadinae Foerster, 1862**
249. *Aleiodes convexus* Achterberg, 1991 (*rufithorax* Enderlein, 1920)
 Belokobylskij, Tobias, 2000: 30.
 Vietnam: Hoa Binh, Gia Lai, Ha Tay.
 DISTRIBUTION: Vietnam, China, Japan.
250. *Aleiodes fruhstorferi* (Cameron, 1910)
 Cameron, 1910b: 2; Shenefelt, 1975.
 Vietnam: "Tongking".
 DISTRIBUTION: Vietnam.
251. *Aleiodes narangae* Rohwer, 1921
 Long, 1998: 35; 2002.
 Vietnam: Ha Noi, Ha Tay. Rice field; host: semilooper *Naranga aenescens* (Noctuidae).
- DISTRIBUTION: Vietnam, Japan, China, India.
252. *Gyroneuron mirum* Kokujev, 1901
 Belokobylskij, Tobias, 2000: 104.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam, China, India.
253. *Gyroneuron testaceator* Watanabe, 1934
 Belokobylskij, Tobias, 2000: 104.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam, China.
254. *Spinaria albiventris* Cameron, 1888
 Shenefelt, 1975: 1257.
 Vietnam: "?".
 DISTRIBUTION: Vietnam, Laos, India.
255. *Yelicones contractus* Papp, 1991 (*maichauenensis* Belokobylskij, 1993)
 Belokobylskij, 1993: 46; Quicke et al., 1997.
 Vietnam: Hoa Binh.
 DISTRIBUTION: Vietnam, India.
256. *Yelicones glabromaculatus* Belokobylskij, 1993
 Belokobylskij, 1993: 44; Quicke et al., 1997.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam, Japan.
257. *Yelicones koreanus* Papp, 1985
 Belokobylskij, 1993: 46.
 Vietnam: Gia Lai.
 DISTRIBUTION: Vietnam, Korea, Japan, China, Russia (Far East).
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